

FIG. 1

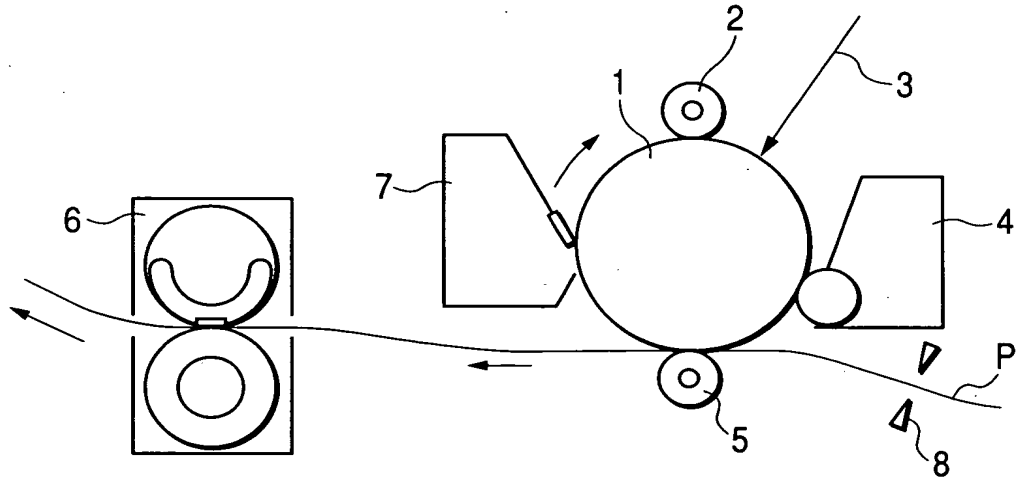


FIG. 2

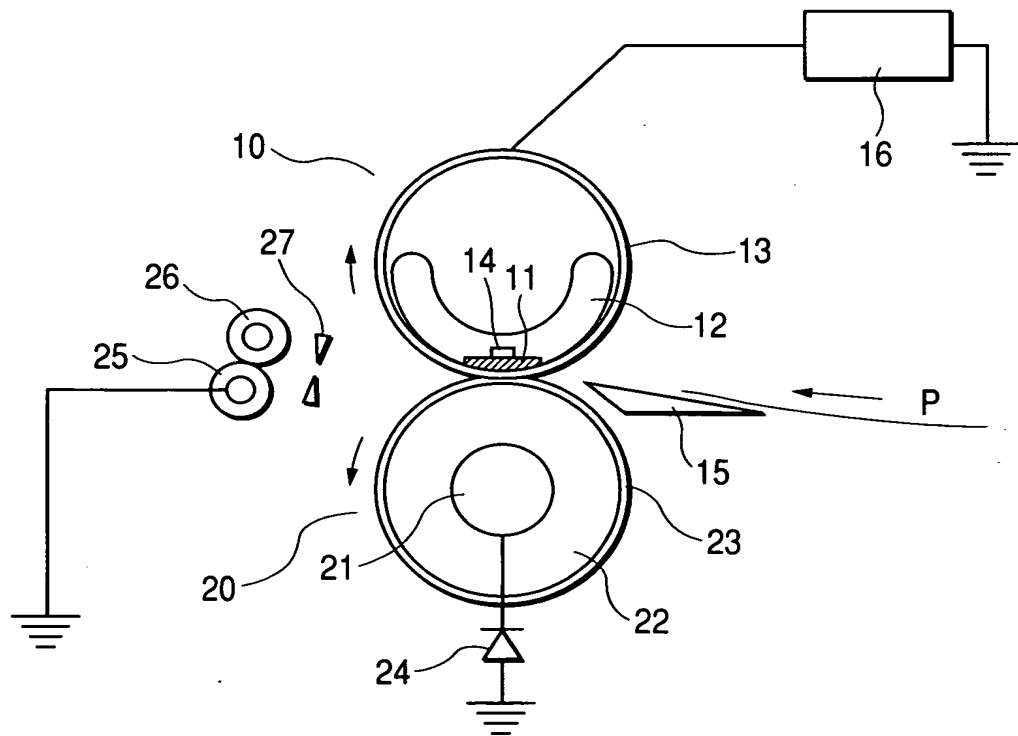


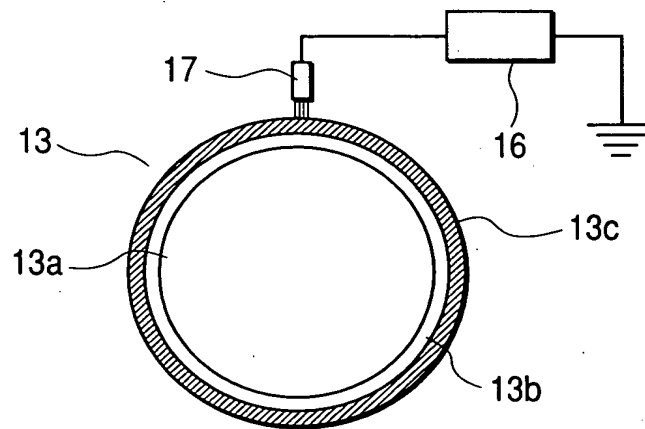
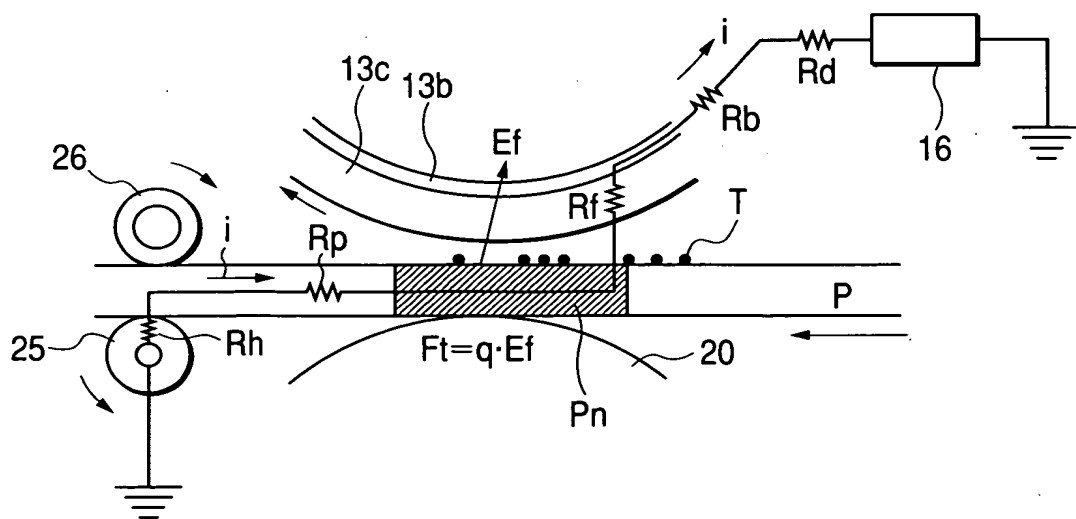
FIG. 3**FIG. 4**

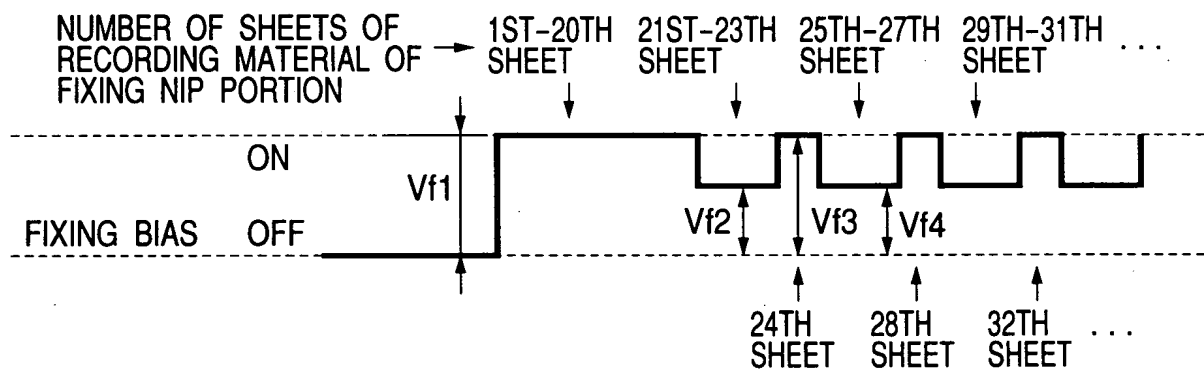
FIG. 5

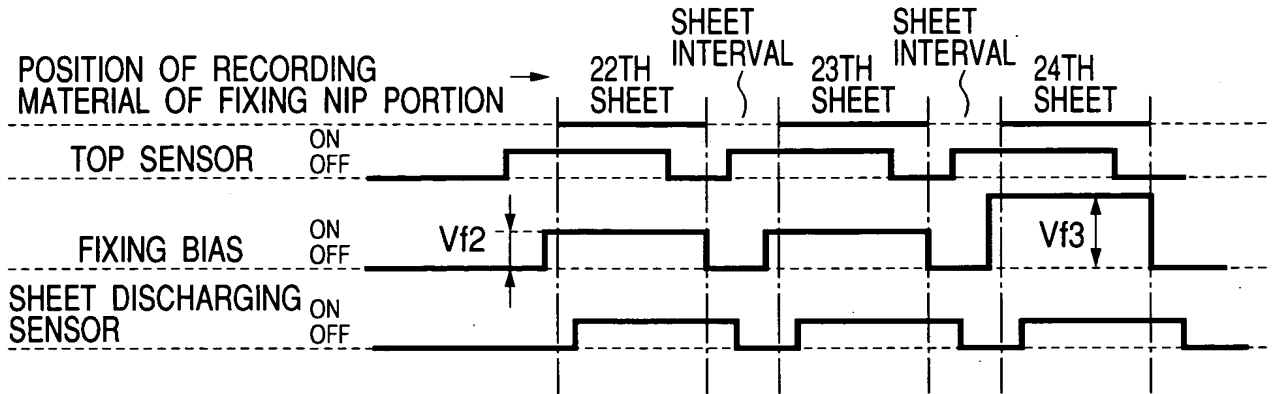
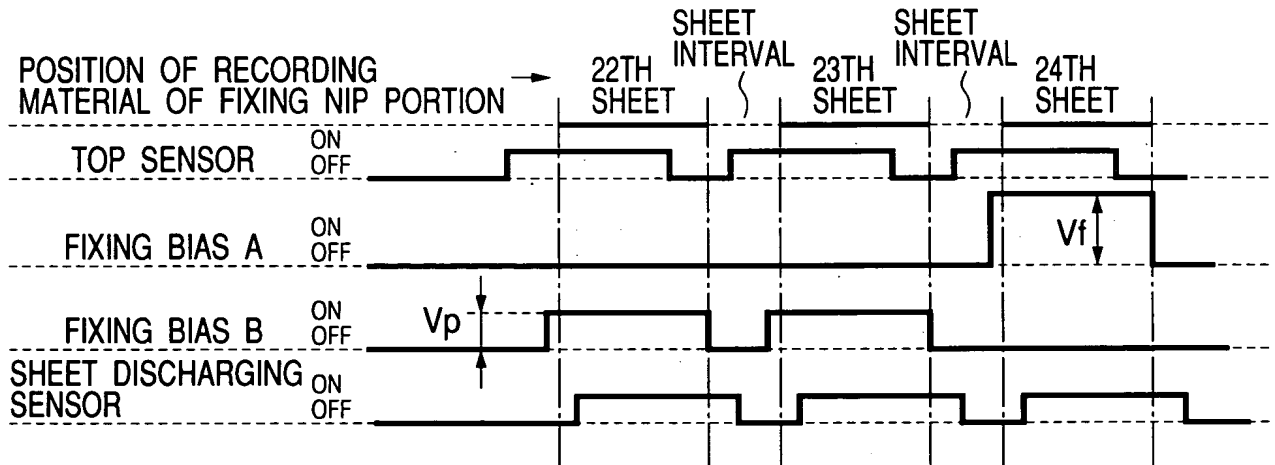
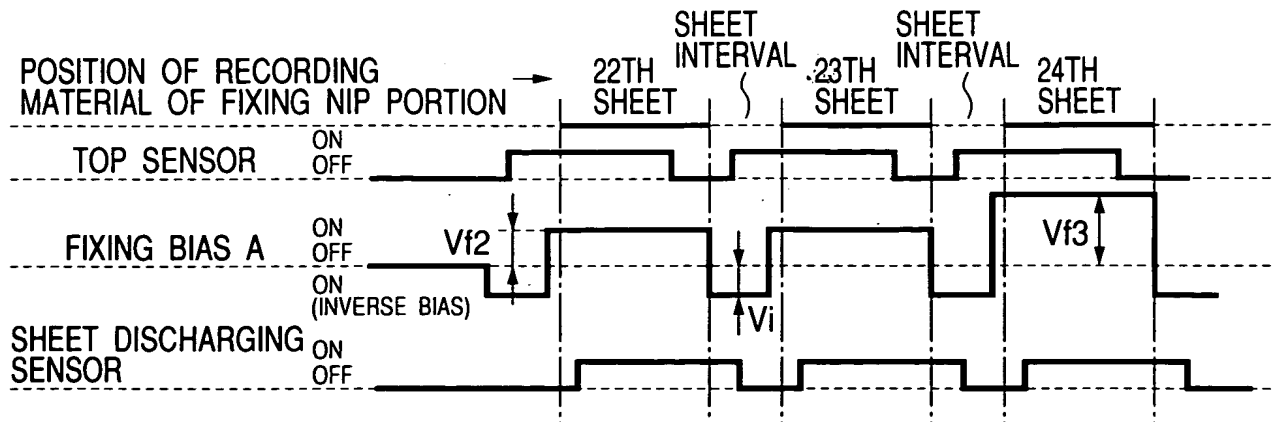
FIG. 6A**FIG. 6B****FIG. 6C**

FIG. 7A

NUMBER OF SHEETS	1-20	21-23	24	25-27
EXPERIMENT 1	-1000V	-1000V	-1000V	-1000V
EXPERIMENT 2	-1000V	-500V	-1000V	-500V
EXPERIMENT 3	-1000V	-300V	-1000V	-300V
EXPERIMENT 4	-1000V	-100V	-1000V	-100V

FIG. 7B

	COMPARISON RESULT OF FIXING SMEARED TRAILING EDGE				COMPARISON RESULT OF TONER CONTAMINATION
NUMBER OF SHEETS	1ST SHEET	21ST SHEET	24TH SHEET	25TH SHEET	
EXPERIMENT 1	3	4	4	5	1
EXPERIMENT 2	3	4	4	4	4
EXPERIMENT 3	3	3	4	3	5
EXPERIMENT 4	3	2	4	2	5

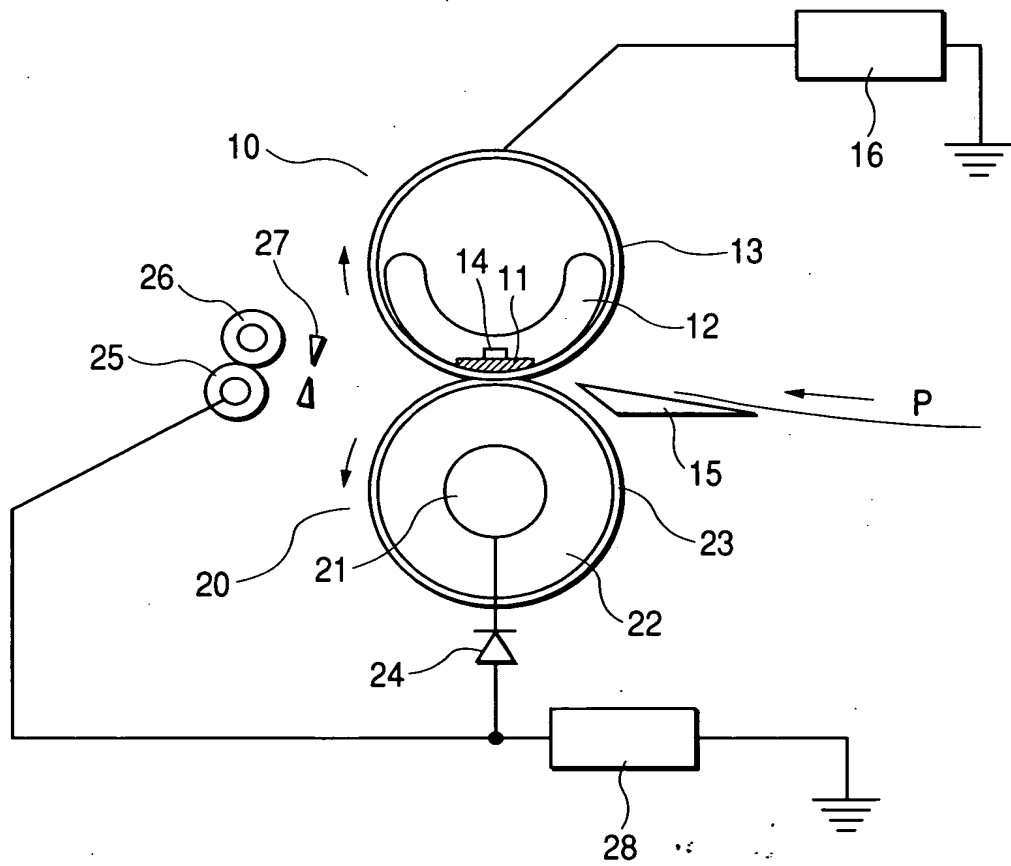
FIG. 8

FIG. 9A

NUMBER OF SHEETS		1-20	21-23	24	25-27
EXPERIMENT 5	Vf	-800V	-200V	-800V	-200V
	Vp	200V	100V	200V	100V
EXPERIMENT 6	Vf	-900V	-100V	-900V	-100V
	Vp	100V	200V	100V	200V
EXPERIMENT 7	Vf	-1000V	0V	-1000V	0V
	Vp	0V	300V	0V	300V
COMPARATIVE EXAMPLE (EXPERIMENT 3)	Vf	-1000V	-300V	-1000V	-300V
	Vp	0V	0V	0V	0V

FIG. 9B

	EXPERIMENT 5	EXPERIMENT 6	EXPERIMENT 7	COMPARATIVE EXAMPLE
NUMBER OF JOBS OF TONER CONTAMINATION OCCURRENCE	320	410	EQUAL TO OR MORE THAN 500	250

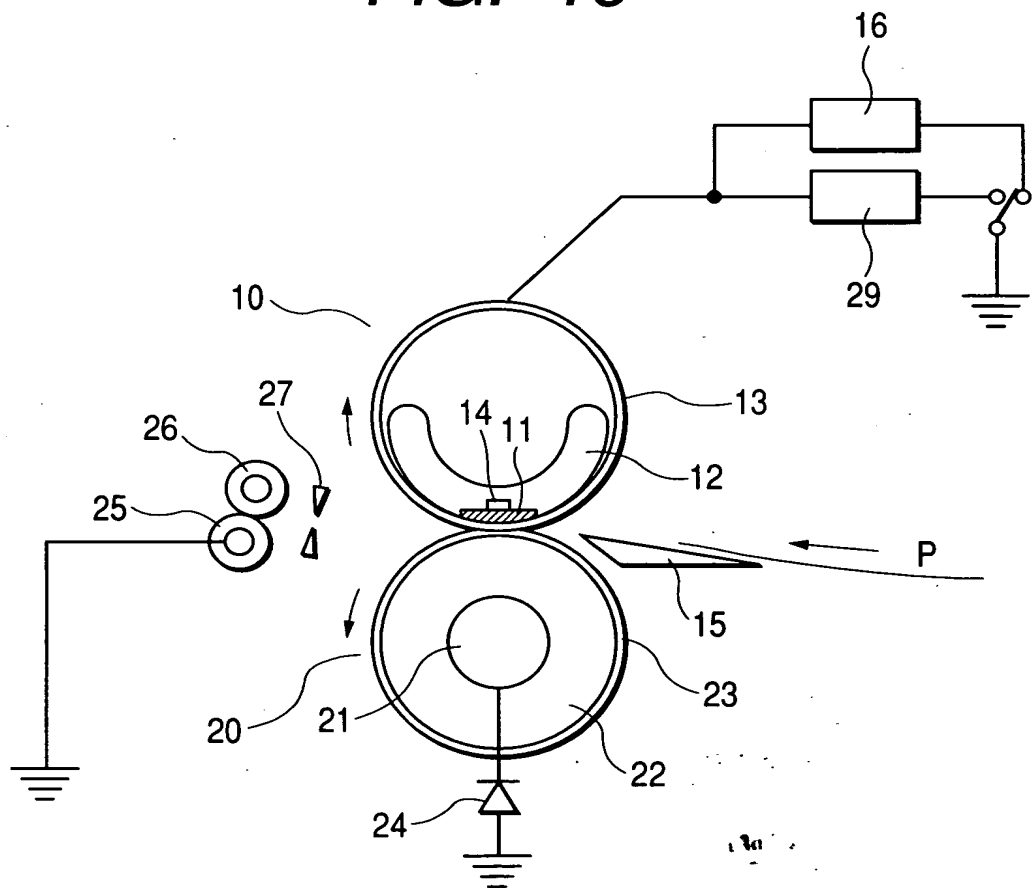
FIG. 10

FIG. 11A

NUMBER OF SHEETS		1-20	21-23	24	25-27
EXPERIMENT 8	Vf	-1000V	-300V	-1000V	-300V
	Vi	200V	200V	200V	200V
EXPERIMENT 9	Vf	-1200V	-500V	-1200V	-500V
	Vi	200V	200V	200V	200V
EXPERIMENT 10	Vf	-1200V	-500V	-1200V	-500V
	Vi	400V	400V	400V	400V
COMPARATIVE EXAMPLE (EXPERIMENT 3)	Vf	-1000V	-300V	-1000V	-300V
	Vi	0V	0V	0V	0V

FIG. 11B

	COMPARISON RESULT OF FIXING SMEARED TRAILING EDGE				NUMBER OF JOBS OF TONER CONTAMINATION OCCURRENCE
NUMBER OF SHEETS	1ST SHEET	21ST SHEET	24TH SHEET	25TH SHEET	
EXPERIMENT 8	3	3	4	3	EQUAL TO OR MORE THAN 500
EXPERIMENT 9	4	4	5	4	350
EXPERIMENT 10	4	4	5	4	EQUAL TO OR MORE THAN 500
COMPARATIVE EXAMPLE	3	3	4	3	250

FIG. 12A

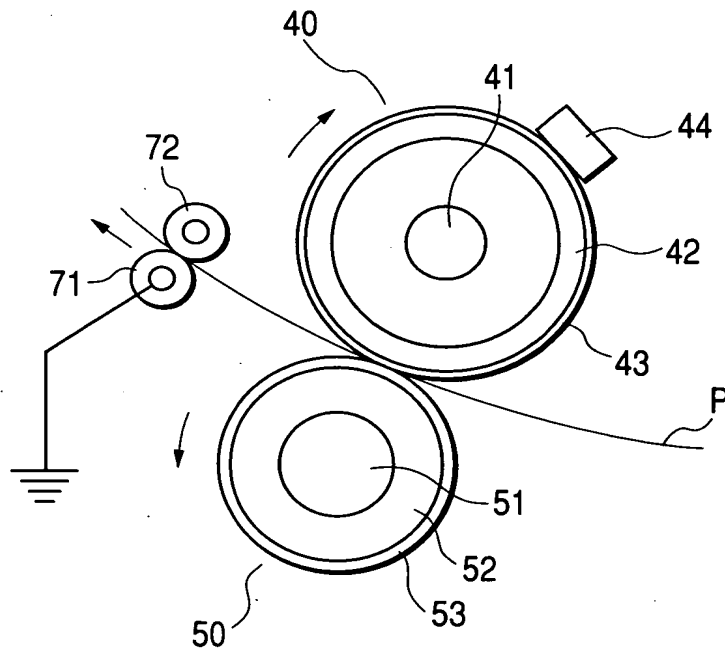


FIG. 12B

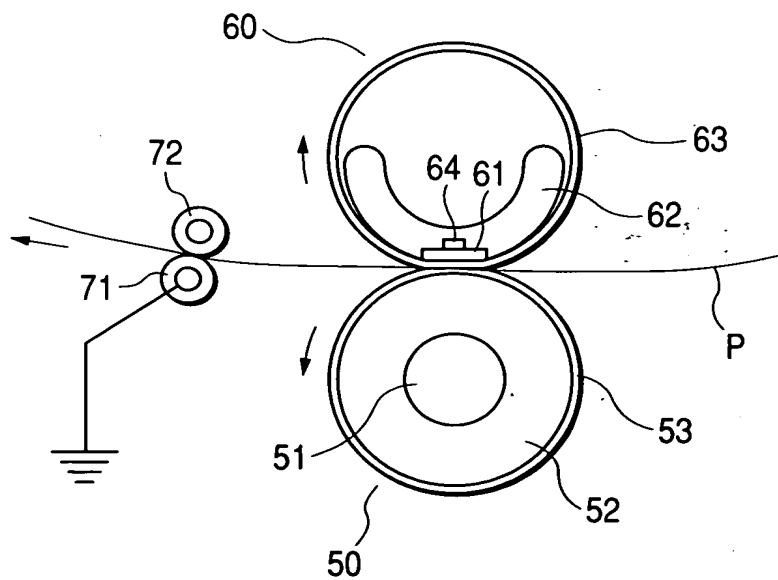


FIG. 13A

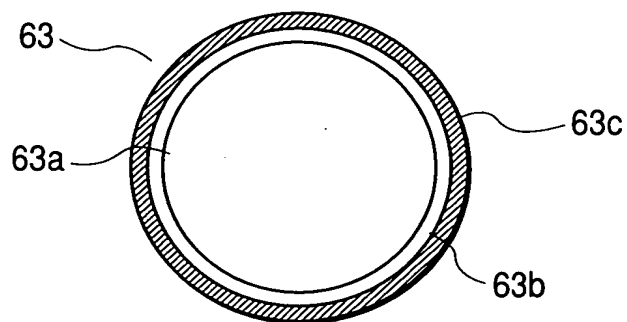


FIG. 13B

